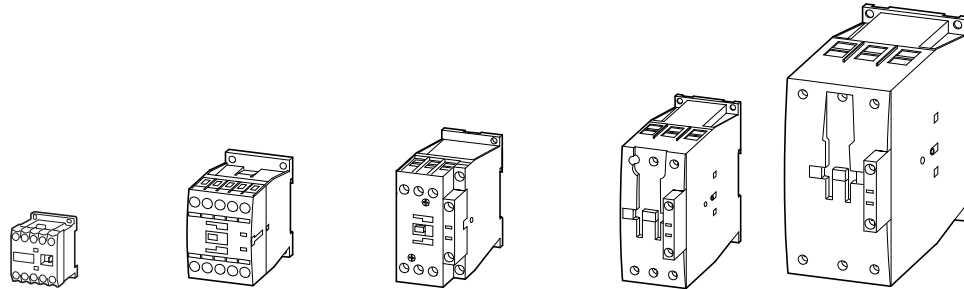
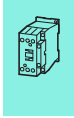


DILM, DILE(E)M, DILMP

Technical overview

Contactors
3 pole



DIL	EEM	EM	EM12	M7	M9	M12	M15	M17	M25	M32	M38	M40	M50	M65	M80	M95	M115	M150	M170
Basic devices	Page → 5/4			→ 5/18				→ 5/18				→ 5/20			→ 5/50				
Complete units	-			→ Page 5/24				-				→ Page 5/26			→ Page 5/26				

Rated-operational voltage	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
---------------------------	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

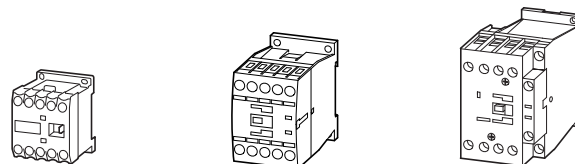
AC-3 Rated operational power for 3-phase motors 50–60 Hz																			
220 V – 230 V	1.5	2.2	3	2.2	2.5	3.5	4	5	7.5	10	11	12.5	15.5	20	25	30	37	48	52
380 V – 400 V	3	4	5.5	3	4	5.5	7.5	7.5	11	15	18.5	18.5	22	30	37	45	55	75	90
440 V	3.3	4.6	5.5	4.5	5.5	7.5	8.4	10.5	15.5	20	21	25	32	41	51	60	75	95	105
500 V	3	4	5.5	3.5	4.5	7	7.5	12	17.5	23	24	28	36	47	58	70	85	110	120
660 V/690 V	3	4	4	3.5	4.5	6.5	7	11	14	17	21	23	30	35	63	75	90	96	140
1000 V	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

AC-4 Rated operational power for 3-phase motors 50–60 Hz																			
▲ Increase in life span for DILM7 – DILM150 to 200000 operations																			
220 V – 230 V	1.1	1.5	1.5	1	1.5	2	2	2.5	3.5	4	4	5	6	7	12	16	17	20	20
380 V – 400 V	2.2	3	3	2.2	2.5	3	3	4.5	6	7	7	9	10	12	20	26	28	33	33
440 V	2.4	3.3	3.3	2.4	3	3.6	3.6	5.5	7	8	8	10	12	14	25	32	35	41	41
500 V	2.2	3	3	2.5	2.8	3.5	3.5	6	8	9	9	11	13	16	29	36	40	47	47
660 V/690 V	2.2	3	3	2.9	3.6	4.4	4.4	6.5	8.5	10	10	12	14	17	26	35	43	48	48
1000 V	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

AC-1 Rated operational power under resistive load, 40 °C																			
220 V – 230 V	8	8	8	8	8	8	8	15	17	17	17	22	30	37	42	49	61	72	85
380 V – 400 V	13	13	13	14	14	14	14	26	29	29	29	39	53	65	72	85	105	125	150
440 V	15	15	15	16	16	16	16	30	34	34	34	45	58	71	80	94	116	138	170
500 V	18	18	18	19	19	19	19	34	38	38	38	51	66	81	90	107	132	156	194
660 V/690 V	23	23	23	25	25	25	25	45	51	51	51	68	91	111	125	148	182	216	268
1000 V	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Conventional thermal Current	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
$I_{th} = I_e$ open at 40 °C	22	22	22	22	22	22	22	40	45	45	45	60	80	98	110	130	160	190	225

Contactors
4 pole

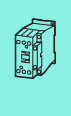
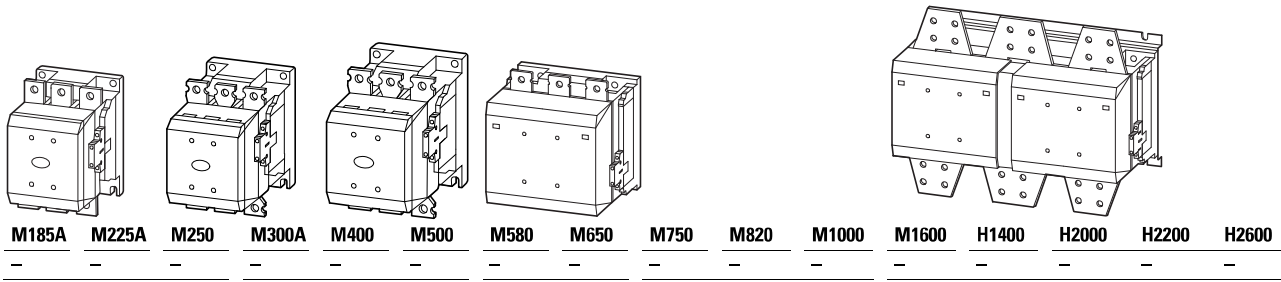


DIL	EM4	MP20	MP32
Rated operational voltage	Page → 5/4	→ Page 5/36	→ Page 5/36

AC-1	A	A	A
Conventional free air thermal current $I_{th} = I_e$ open, at 40 °C up to 690 V	22	22	32

DILM, DILH, DILMP

Contactors
3 pole



→ Page 5/32 → Page 5/32 → Page 5/32 → Page 5/32 → Page 5/34

kW kW kW kW kW kW kW kW kW kW kW kW kW kW kW

55	70	75	90	125	155	185	205	240	260	315	500	—	—	—	—
90	110	132	160	200	250	315	355	400	450	560	900	—	—	—	—
115	142	157	190	255	345	370	420	480	525	650	1000	—	—	—	—
132	160	180	215	290	360	420	470	550	600	730	1180	—	—	—	—
175	215	240	286	344	344	560	630	720	750	1000	1600	—	—	—	—
108	108	108	132	132	132	600	600	800	800	1000	1770	—	—	—	—

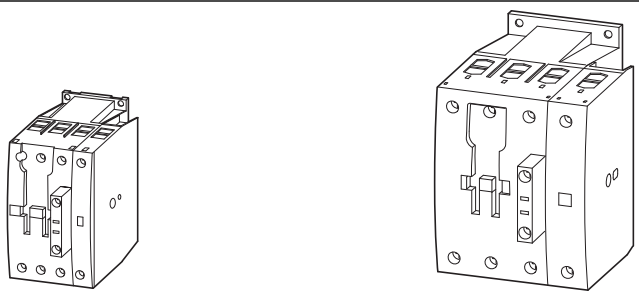
41	51	62	75	92	112	143	161	181	209	260	430	—	—	—	—
75	90	110	132	160	200	250	280	315	355	450	750	—	—	—	—
85	102	125	140	186	229	290	326	367	418	520	830	—	—	—	—
96	116	143	172	214	260	330	370	417	474	590	940	—	—	—	—
127	155	189	229	283	344	440	494	556	633	780	1300	—	—	—	—
108	108	108	132	132	132	509	509	678	678	1000	1650	—	—	—	—

121	139	155	177	221	310	354	376	398	443	443	717	620	886	1075	1269
210	241	268	306	382	535	612	650	689	766	766	1247	1071	1531	1870	2207
243	279	310	354	443	620	709	753	797	886	886	1371	1240	1773	2058	2427
277	317	352	403	503	705	806	856	906	1007	1007	1558	1410	2015	2338	2758
365	419	465	532	664	930	1064	1130	1196	1330	1330	2151	1861	2660	3227	3806
554	635	705	806	1007	1410	1612	1712	1813	2015	2015	2420	2417	3223	4676	5516

A A A A A A A A A A A A A A A

337 356 400 430 612 857 980 1041 1102 1225 1225 2200 1714 2450 2700 3185

Contactors
4 pole



→ Page 5/36 → Page 5/36 → Page 5/36

A A A A A A
45 63 80 125 160 200